

MATERIAL SAFETY DATA SHEET

1. Identification of the substance/preparation

Supplier: Xiamen Honglu Tungsten Molybdenum Industry Co., Ltd

Tradename: HL

Chemical name: Molybdenum Wire

Formula: Mo

2. Composition/Data on components

Chemical characterization:

Description: (CAS#)

Molybdenum (CAS# 7439-98-7): ≥99%

3. Hazards identification

Not applicable

4. First-aid measures

Skin: Not applicable

Ingestion: Not applicable

Inhalation: Not applicable

Eyes: Not applicable

Remarks first aid: None

5. Fire fighting measures

Fire-extinguisher: Determined by surrounding

Hazardous decomposition products in fire: Molybdenum trioxide

6. Accidental release measures

Procedure by spillage: Not applicable

7. Handling and storage

Local exhausting: Under normal circumstances not applicable.

Storage conditions: No special precautions

8. Exposure controls/personal protection

Exposure limits (20 Cel. And 1013 mbar)

TLV: 6 mg/m³ TUNGSTEN WIRE (tungsten as compounds, as tungsten,insoluble)

Remarks exposure limits: None

Odeur threshold: Not applicable

Personal protection:

Skin: Not applicable

Eyes: Not applicable

Inhalation: Not applicable

9. Physical and chemical properties

Physical state: Article

Colour: Grey

Odeur: Odorless

Boiling point/range (Cel.): 4800

Melting point/range (Cel.): 2620

Flash point/range (Cel.): Not applicable

Explosive limits: Not applicable

Dust explosions possible in area: No

Density at 20 Cel.: 10200 kg/m³

Vapour pressure in kPa: Not applicable

Solubility in water: Not applicable

Reacts acidic/basic/neutral: Not applicable

Viscosity: Not applicable

Autoignition temperature (Cel.): Unknown

Electrostatic charge: None

Log Po/W: Not applicable

10. Stability and reactivity

Conditions to avoid: None

Reacton with water: No

Hazardous reactons with: Strong acids, fluorine

Hazardous decomposition products at heating: None

11. Toxicological information

Symptoms

Skin - local: Produces no symptoms.

- general: Not applicable.

Ingestion - local: Produces no symptoms

- general: Not applicable.

Inhalation - local: The substance is in fine particles prickling: coughing..
- general: Not applicable.

Eyes - local: The substance is prickling: redness.

Remarks symptoms: Troublesome concentrations may arise if dust clouds are formed.

Toxicity: LD-50 unknown

12. Ecotoxicological information

Biochemical oxygen demand: Not applicable

Chemical oxygen demand: Not applicable

Ecotoxicity: Not applicable

Remarks on ecotoxicity: None

13. Disposal considerations

Remainder material has to be incinerated in a proper installation or dumped on an approved landfill, in accordance with local and national legislation

14. Transport information

Class/figure RID/ADR: None

Class IMO: None

Class ICAO: None

UN number: None

15. Regulations

Product related hazard information:

Observe the general safety regulations when handling chemicals

National regulations:

All components of this product are listed in the U.S. Environmental Protection Agency Toxic Substances Control Act Chemical substance Inventory.

Information about limitation of use: For use only by technically qualified individuals.

16. Other information:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the



responsibility of the user.